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PTO/SB/81 (02-01)

Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	09/786,719
Filing Date	06 March 2001
First Named Inventor	Zubkova
Title	"Combustion Retardant."
Group Art Unit	
Examiner Name	
Attorney Docket Number	A01058US (98148.13)

I hereby appoint:

☒ Practitioners at Customer Number

OR

☐ Practitioner(s) named below:

Name	Registration Number



as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☐ The above-mentioned Customer Number.

OR

☐ Practitioners at Customer Number

OR

Place Customer
Number Bar Code
Label here

☐ Firm or
Individual Name

Address

Address

City

State

Zip

Country

Telephone

Fax

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name

X Yury N. ZHUK

ISLE FIRESTOP LIMITED

Signature

X Yuri Zhuk

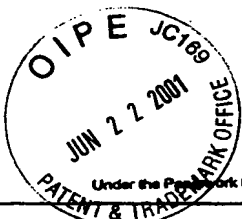
Date

X 23 MAY 2001

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

*Total of 1 forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Declaration and Power of Attorney for Patent Application

Заявление о подаче заявки на патент и доверенность поверенному

Заявление на русском языке

Russian Language Declaration

Я, нижеупомянутый изобретатель, настоящим подтверждаю, что:

Мое местожительство, почтовый адрес и гражданство действительно таковы, как указано ниже, непосредственно после моего имени.

Я убежден, что я являюсь первоначальным, первым и единственным изобретателем (если ниже указано только одно имя), или одним из первоначальных и первых со-авторов (если ниже указаны несколько имен) заявляемого изобретения, на которое запрашивается патент и которое называется:

Описание изобретения приложено к сему (если в расположенной ниже клетке нет отметки):

☐ было подано /дата/ _____
как заявка США номер или международный
PCT № _____
с изменениями, внесенными /дата/ _____
(если требуется).

Настоящим я заявляю, что я изучил и понимаю содержание вышеуказанного описания, включая формулу изобретения со всеми поправками, указанными выше.

Я признаю обязанность сообщить информацию, необходимую для патентования в соответствии с §1.56 раздела 37 Кодекса Федеральных Правил.

Настоящим я предъявляю иностранные преимущественные права приоритета в соответствии с §119 (a)-(d) или §365 (b) раздела 35 Кодекса Соединенных Штатов на любую(ые) иностранную(ые) заявку(и) на патент или авторское свидетельство, или с §365 (a) на любую международную заявку PCT, назначившую одну или больше стран кроме Соединенных Штатов, перечисленную(ые) ниже, а также указал ниже с расположением отметки в клетке все иностранные заявки на патент или авторское свидетельство или международную заявку PCT, поданные ранее, чем заявка, на которую предъявлено притязание на приоритет.

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

COMBUSTION RETARDANT FOR POLYMERIC MATERIALS

the specification of which is attached hereto unless the following box is checked:

☒ was filed on 2 AUGUST 1999
as United States Application Number or PCT
International Application Number PCT/RU99/00273
and was amended on _____
(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)
Прежняя(ие) иностранная(ые) заявка(и)

Притязание на приоритет не предъявляется

Priority Not Claimed

Номер (Number) Страна (Country)

PCT/RU98/00289 RUSSIA

Номер (Number) Страна (Country)

Номер (Number) Страна (Country)

День/Месяц/Год подачи
(Day/Month/Year Filed)

08 SEPTEMBER 1998

День/Месяц/Год подачи
(Day/Month/Year Filed)

День/Месяц/Год подачи
(Day/Month/Year Filed)

☐

☐

☐

Настоящим я предъявляю иностранные
преимущественные права приоритета в
соответствии с § 119 (e) раздела 35 Кодекса
Соединенных Штатов на любую(ые)
предварительную(ые) заявку(и), перечисленную(ые)
ниже.

I hereby claim the benefit under Title 35, United States Code,
§ 119(e) of any United States provisional application(s) listed
below.

(Заявка №) (Дата подачи заявки)

(Application No.) (Filing Date)

(Заявка №) (Дата подачи заявки)

(Application No.) (Filing Date)

Настоящим я заявляю претензию на выгоду, в
соответствии с § 120 раздела 35 Кодекса
Соединенных Штатов, от всех нижеперечисленных
заявок(ки) США или с § 365 (c) от любой
международной заявки PCT, назначившей
Соединенные Штаты, в той мере, в которой предмет
изобретения в каждом пункте, на который заявлен
приоритет, не был раскрыт в поданной ранее заявке
США или международной заявке PCT, как это
предусмотрено в первом абзаце § 112 раздела 35
Кодекса Соединенных Штатов. Я признаю
обязанность раскрыть информацию, которая
является существенной для патентоспособности, как
это предусмотрено в § 1.56 раздела 37 Кодекса
Федеральных Правил, которая стала доступна за
период времени между подачей предшествующей
заявки и датой подачи национальной или
международной заявки PCT.

I hereby claim the benefit under Title 35, United States Code,
§ 120 of any United States application(s), or § 365(c) of any PCT
International application designating the United States, listed
below and, insofar as the subject matter of each of the claims of
this application is not disclosed in the prior United States or PCT
International application in the manner provided by the first
paragraph of Title 35, United States Code, § 112, I acknowledge
the duty to disclose information which is material to patentability
as defined in Title 37, Code of Federal Regulations, § 1.56 which
became available between the filing date of the prior application
and the national or PCT International filing date of this application.

097866719-062201

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_____ (Заявка №)	_____ (Дата подачи заявки)	_____ (Статус - запатентовано, рассматривается, заявитель отказался)
_____ (Application No.)	_____ (Filing Date)	_____ (Status - patented, pending, abandoned)
_____ (Заявка №)	_____ (Дата подачи заявки)	_____ (Статус - запатентовано, рассматривается, заявитель отказался)
_____ (Application No.)	_____ (Filing Date)	_____ (Status - patented, pending, abandoned)

Настоящим подтверждаю, что все заявления, сделанные здесь на основе моих знаний, являются правдой, и я также верю в достоверность всех заявлений, основанных на доступной мне информации и убеждениях; кроме того, эти заявления были сделаны со знанием того, что умышленно ложные заявления и подобные им действия караются штрафом, или поремным заключением, или тем и другим, в соответствии со статьей 1001 раздела 18 Кодекса Соединенных Штатов, и что такие ложные сведения могут сделать недействительной как эту заявку, так и любой патент, по ней выданный.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Under the Paperwork Reduction Act of 1996, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

1 - 00 Nina Sergeevna ZUBKOVA
Full name of sole or first inventor
Полное имя единственного или первого автора изобретения
Дата 23.05.2001
Подпись автора изобретения
Inventor's signature
Date
Местожительство Moscow, Russia RUx
Residence
Гражданство Russia
Citizenship
Russia 117574 Moscow, Novoyasenevsky prospekt, d.22, korp.1, kv.592
Post Office Address
Почтовый адрес

2 - 00 Nataliya Grigorievna BUTYLKINA
Full name of second joint inventor, if any
Полное имя второго автора изобретения (если имеется)
Дата 23.05.2001
Подпись автора изобретения
Second inventor's signature
Date
Местожительство Moscow, Russia RUx
Residence
Гражданство Russia
Citizenship
Russia 113461 Moscow, ul. Kakhovka, d.14, korp.2, kv.103
Post Office Address
Почтовый адрес

(Аналогичная информация о третьем и последующих авторах изобретения должна быть представлена, а также их подписи)
(Supply information and signature for third and subsequent joint inventors.)

3 - 00 Nikolai Alexandrovich KHALTURINSKY

Полное имя единственного или первого автора изобретения

Full name of sole or first inventor

Подпись автора изобретения

Дата

Inventor's signature

Date

Moscow, Russia RUX

Местожительство

Residence

Russia

Гражданство

Citizenship

Russia 117229 Moscow, ul.

Ulyanova, d.12, korp.2, kv.17

Почтовый адрес

Post Office Address

4 - 00 Alexandr Alexandrovich BERLIN

Полное имя второго автора изобретения (если имеется)

Full name of second joint inventor, if any

Подпись автора изобретения

Дата

Second inventor's signature

Date

Moscow, Russia RUX

Местожительство

Residence

Russia

Гражданство

Citizenship

Russia 117419 Moscow, ul.

Donskaya, d.24, kv.68

Почтовый адрес

Post Office Address

(Аналогичная информация о третьем и последующих авторах изобретения должна быть представлена, а также их подписи)

(Supply information and signature for third and subsequent joint inventors.)

Applicant or Patentee: Howard M. Chandler & Marc Sinatra Attorney's Dkt. No. 0141-2006
Serial or Patent No.: 09/856,105
Filed or Issued: May 17, 2001
For: A METHOD OF DETECTING THE PRESENCE OF AN ANALYTE IN A BIOLOGICAL SAMPLE

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY
STATUS [37 19(f) and 1.27(c)] - SMALL BUSINESS CONCERN**

I hereby declare that I am

- ☐ the owner of the small business concern identified below:
☒ an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF CONCERN ENTERIX INC. of 348 US Route One, Falmouth,
ADDRESS OF CONCERN Maine 04105, United States of America

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention, entitled:

A METHOD OF DETECTING THE PRESENCE OF AN ANALYTE IN A BIOLOGICAL SAMPLE

by inventors Howard Milne CHANDLER and Marc SINATRA described in
the specification filed herewith. International Patent Application No PCT/AU99/01014 filed
application Serial No. _____, filed 17 November, 1999
patent No. _____, issued _____

If the rights held by the above-identified small business concern are not exclusive, each individual, concern or organization having rights to the invention is listed below* and no rights to the invention are held by any person, other than the inventor who could not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(e). *NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities (37 CFR 1.27)

Name _____

Address _____

☐ Individual ☐ Small Business Concern ☐ Nonprofit Organization

Name _____

Address _____

☐ Individual ☐ Small Business Concern ☐ Nonprofit Organization

I acknowledge the duty to file, in this application of patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. [37 CFR 1.28(b)]

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

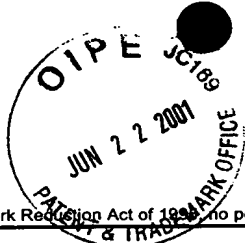
NAME OF PERSON SIGNING x Howard Milne Chandler

TITLE OF PERSON OTHER THAN OWNER x CEO

ADDRESS OF PERSON SIGNING x 857 Princes Point Rd, Yarmouth, Maine 04096

SIGNATURE x H.M. Chandler

DATE x May 25, 2001



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: ISLE FIRESTOP LIMITED
Application No./Patent No.: 09/786,719 Filed/Issue Date: 06 MARCH 2001
Entitled: COMBUSTION RETARDANT FOR POLYMERIC MATERIALS
ISLE FIRESTOP LIMITED, aN ISLE OF MAN CORPORATION
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

- A. [] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

[] Additional documents in the chain of title are listed on a supplemental sheet.

- [X] Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

X 23 MAY 2001

Date

X YURY N. ZHUK

Typed or printed name

X Yuri Zhuk

Signature

X DIRECTOR

Title

ASSIGNMENT

WHEREAS, We, Nina Sergeevna ZUBKOVA, Nataliya Grigorievna BUTYLKINA, Nikolai Alexandrovich KHALTURINSKY, and Alexandr Alexandrovich BERLIN, are the joint inventors of "Combustion Retardant For Polymeric Materials," an application for United States Letters Patent for which, Serial No. 09/786,719, was filed 06 March 2001;

WHEREAS, Isle Firestop Limited, a company incorporated in the Isle of Man, is desirous of acquiring the entire right, title and interest in and to the aforesaid invention throughout the world, and all right, title and interest in, to and under any and all Letters Patent of the United States and all other countries throughout the world;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to us in hand paid by Isle Firestop Limited and for other good and valuable considerations, the receipt of which is hereby acknowledged, we hereby sell, assign, transfer and set over to Isle Firestop Limited, all right, title and interest in and to the said invention throughout the world, and said application for U.S. Letters Patent, and any and all divisions, continuations, and reissues thereof, and any and all Letters Patent of the United States and foreign countries which may be granted therefor, the same to be held and enjoyed by Isle Firestop Limited for its own use and benefit, and for the use and benefit of its successors, assigns, or other legal representatives, to the end of the term or terms for which said Letters Patent of the United States or foreign countries are or may be granted or reissued, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.


And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application and from any and all divisions, continuations, and reissues thereof, to Isle Firestop Limited, as assignee of our entire interest, and hereby covenant that we have the full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith.

And we further hereby covenant and agree that we will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title of said invention and to such Letters Patent as may be granted therefor, to Isle Firestop Limited, its successors, assigns, or other legal representatives and that if Isle Firestop Limited, its successors, assigns or other legal representatives shall desire to file any divisional or continuation applications or to secure a reissue of such Letters Patent, or to file a disclaimer relating thereto, will upon request, sign all papers, make all rightful oaths and do all lawful acts requisite for the filing of such divisional or continuation application, or such application for reissue and the procuring thereof, and for the filing of such disclaimer, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

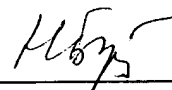
And we do further covenant and agree that we will, at any time upon request, communicate to Isle Firestop Limited, its successors, assigns or other legal representatives, such

facts relating to said invention and Letters Patent or the file history thereof as may be known to us, and testify as to the same in any interference or other litigation when requested so to do, without further compensation but at the expense of said assignee, its successors, or other legal representatives.


X 23.05.2001
DATE

X 
Nina Sergeevna ZUBKOVA
Russia 117574 Moscow, Novoyasenesky
Prospekt, d.22, korp.1, kv592

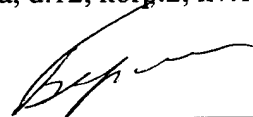
Y 23.05.2001
DATE

X 
Nataliya Grigorievna BUTYLKINA
Russia 113461 Moscow, ul. Kakhovka,
d.14, korp.2, kv.103

Y 23.05.2001.
DATE

X 
Nikolai Alexandrovich KHALTURINSKY
Russia 117229 Moscow, ul.
Ulyanova, d.12, korp.2, kv.17

Y 23.05.2001
DATE

X 
Alexandr Alexandrovich BERLIN
Russia 117419 Moscow, ul.
Donskaya, d.24, kv.68